



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., May 17, 2010

7-10

AGRICULTURAL NEWS: The Commonwealth experienced above normal temperatures and the return of rain this past week. Temperature average, at 67 degrees, was 1 degree above normal for this time of year. Total precipitation for the week was 1.26 inches, 0.19 inches above normal. **Topsoil moisture** was rated as 68 percent adequate, and 32 percent surplus. **Subsoil moisture** was rated as 3 percent short, 75 percent adequate, and 22 percent surplus. There were 4.0 days, out of a possible 7, suitable for fieldwork. Reoccurring rainfall further complicates the situation for farmers still battling flood damage from the first weekend in May. The major rivers have crested allowing the standing water in some low-lying fields to descend, however many fields are still saturated.

ROW CROPS: Wet conditions inhibited corn planting last week. Reported progress was 94 percent of intended acreage planted, up 50 percent from last year, and up 15 percent from the five year average. Corn emergence was reported at 83 percent, 47 percent above the previous year, and 20 percent above the five year average. In some regions, water damage will force replanting or a possible switch from corn to soybeans. Corn not affected by the excessive rainfall appears to be doing well. Soybean planting progress was reported at 28 percent, 25 percent above last year, and 6 percent above the five year average. Emerged soybeans reported at 9 percent, 7 percent above the previous year, and 5 percent above the five year average.

TOBACCO: As of Sunday May 16, 20 percent of the state's burley had been set, 14 percent above last year, and 6 percent above the five year average. Dark tobacco is 30 percent set, 19 percent ahead of the five year average. Wet fields from continued precipitation hindered setting progress for the week. Recent weather has contributed to an increase of disease in float beds.

SMALL GRAINS: Winter wheat condition was reported as 1 percent very poor, 4 percent poor, 18

percent fair, 60 percent good, and 17 percent excellent. Wet conditions raise concern at this time of year, but for the most part, insects and diseases do not currently pose any major problems.

OTHER CROPS AND PASTURE: For the week of May 16, hay crop condition was rated as 1 percent very poor, 7 percent poor, 23 percent fair, 50 percent good, and 19 percent excellent. Farmers are cutting hay as much as the weather will allow. Pasture condition was rated as 1 percent very poor, 2 percent poor, 25 percent fair, 51 percent good, and 21 percent excellent. Strawberry growers reported 39 percent of their berries as small, 49 percent medium, and 12 percent large.

CROP PROGRESS for week ending 05/16/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Planted	94	89	44	79
Corn Emerged	83	76	36	63
Soybeans Planted	28	11	3	22
Soybeans Emerged	9	4	2	4
Burley Tobacco Set	20	5	6	14
Dark Tobacco Set	30	10	3	11

SOIL MOISTURE for week ending 05/16/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	0	68	32
Subsoil	0	3	75	22

CROP CONDITIONS for week ending 05/16/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn Emerged	6	7	26	48	13
Wheat	1	4	18	60	17
Pasture	1	2	25	51	21
Hay Crops	1	7	23	50	19
Tobacco Set	0	1	32	63	4

KENTUCKY WEATHER SUMMARY, MAY 10 - 16, 2010:

Just Above Normal Temperature and Above Normal Rainfall:

Just the opposite of the week prior, this past week was cloudy with rainfall somewhere in the state nearly everyday. Most days rainfall came in the form of scattered thunderstorms; however mid way through the weekend some very moist air from the south moved into the Commonwealth. This brought widespread rainfall to all parts of the state except extreme western areas. The cloudy skies kept highs just a bit cooler than normal, but kept lows just above normal for a daily average that was right around normal for this time of year.

Temperatures for the period averaged 67 degrees across the state which was 1 degree above normal and 3 degrees warmer than the previous week. High temperatures averaged from 75 in the West to 75 in the East. Departure from normal high temperatures ranged from 5 degrees below normal in the West to 0 degrees from normal in the East. Low temperatures averaged from 61 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 2 degrees above normal in the East.

Rainfall for the period totaled 1.26 inches statewide which was 0.19 inches above normal. Rainfall totals by climate division, West 0.58 inches, Central 1.38 inches, Bluegrass 1.41 inches and East 1.65 inches, which was - 0.52, +0.27, +0.39 and +0.65 inches respectively from normal. By station, rainfall totals ranged from a low of 0.20 inches at Paducah to a high of 2.72 inches at Williamstown.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 16, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.85	9.19	8.41	+3.00	+4.55	83	41	66.9	+1	121	641	+101
Berea	1.06	11.93	11.64	+5.19	+7.45	86	33	66.1	+2	120	598	+42
Bowling Green	1.30	13.33	12.60	+6.46	+8.32	87	42	69.0	+3	134	690	+134
Bristol	0.63	4.03	3.21	-1.28	-0.12	85	35	66.6	+2	122	631	+137
Buckhorn Lake	1.29	8.14	7.72	+2.27	+4.10	82	33	64.8	+0	111	576	+82
Cape Girardeau	0.94	8.63	6.75	+1.52	+2.30	83	48	67.9	+0	124	674	+102
Campbellsville	1.42	12.71	12.38	+5.29	+7.81	83	37	66.0	+0	116	609	+53
Covington	1.65	5.59	5.11	-0.37	+1.40	82	42	64.5	-0	104	556	+92
Cumberland Gap	1.58	7.52	6.62	+0.96	+2.51	85	35	66.6	+2	121	636	+142
Dix Dam	0.81	10.84	10.37	+4.17	+6.24	82	37	65.9	+1	116	595	+55
Evansville	0.08	5.98	4.64	-0.49	+0.58	83	44	66.9	-1	120	647	+121
Glasgow	1.23	11.02	10.41	+3.86	+5.98	84	43	68.2	+3	129	654	+158
Grayson	2.28	8.94	8.61	+3.11	+4.96	83	31	64.3	-0	108	571	+123
Hardinsburg	1.04	11.74	9.83	+4.92	+5.59	82	41	66.9	+1	121	631	+75
Henderson	0.20	7.60	6.25	+0.99	+2.20	84	47	67.8	+0	125	643	+87
Huntington	2.46	8.61	7.69	+2.81	+4.05	84	33	65.1	+1	112	620	+126
Jackson	2.57	8.26	7.77	+1.85	+3.82	84	38	66.3	+2	118	665	+171
Lexington	0.73	9.25	8.85	+3.06	+4.99	83	38	65.6	+1	115	592	+128
London	0.55	7.59	6.84	+1.47	+3.07	85	36	66.5	+2	121	624	+130
Louisville	1.75	10.79	9.43	+4.18	+5.35	85	46	69.2	+4	135	692	+166
Mayfield	0.43	6.92	5.47	-0.72	+0.86	87	46	69.6	+2	138	706	+104
Nashville	1.87	18.90	18.39	+12.01	+14.12	88	46	69.3	+4	135	729	+127
Nolin Lake	2.08	11.64	10.77	+4.28	+6.13	83	40	67.3	+2	125	618	+78
Paducah	0.20	6.81	5.27	-0.75	+0.72	84	45	68.6	+1	132	696	+124
Princeton	1.65	11.40	9.22	+4.04	+4.74	84	45	68.4	+1	131	679	+93
Quicksand	1.77	7.33	6.78	+0.92	+2.83	85	35	65.4	+1	114	624	+130
Somerset	0.74	11.37	10.94	+4.40	+6.58	82	36	66.0	+1	117	607	+67
Spindletop	1.50	7.89	7.40	+1.70	+3.54	82	38	65.4	+1	113	597	+133
Williamstown	2.72	8.72	7.64	+2.29	+3.70	80	36	64.1	-0	104	566	+102

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwgw.ca.uky.edu/>